

ABSTRACT

HYDROGEL COMPOSITIONS COMPRISING ENZYMES

5 A wound dressing comprising a support sheet and a layer of a synthetic hydrogel material coated onto the support sheet, wherein an active enzyme is dispersed in the synthetic hydrogel material. The hydrogel is preferably a polyacrylate or polyacrylamide, and the enzyme is preferably lactate oxidase. Also provided are methods of making such wound dressings by applying a hydrogel premix 10 comprising a synthetic hydrogel polymer precursor and an enzyme to a solid support; followed by polymerising the premix on the support.